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Dated: March 9, 2005 Signature: \_\_\_\_\_

(Michelle Chicos)

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Rec'd PCT/PTO

10/15 274277  
09 MAR 2005

Docket No.: 61423 (51265)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
David P. Jackson et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: March 9, 2005

Art Unit: N/A

For: METHOD, PROCESS, CHEMISTRY AND  
APPARTUS FOR TREATING A  
SUBSTRATE

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each reference on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other

Application No.: Not Assigned

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material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 61423 (51265). A duplicate copy of this paper is enclosed.

Dated: March 9, 2005

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	Not Yet Assigned 10/527427
				Filing Date	March 9, 2005
				First Named Inventor	David P. Jackson
				Art Unit	N/A
				Examiner Name	Not Yet Assigned Danielle Henkel
Sheet	1	of	3	Attorney Docket Number	61423(51265)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/D.H.	AA	US-3,870,783	03-11-1975	Hall et al.	
	AB	US-2,986,448	05-30-1961	Gates et al.	
	AC	US-4,169,123	09-25-1979	Moore et al.	
	AD	US-4,169,124	09-25-1979	Forstrom et al.	
	AE	US-4,744,951	05-17-1988	Cummings et al.	
	AF	US-4,642,165	02-10-1987	Bier	
	AG	US-5,008,106	04-16-1991	Merianos et al.	
	AH	US-5,115,166	05-19-1992	Campbell et al.	
	AI	US-5,213,619	05-25-1993	Jackson et al.	
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	AK	US-6,558,622	05-06-2003	Malchesky	
	AL	US-6,342,187	01-29-2002	Jacob et al.	
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	AP	US-6,365,102	04-02-2002	Wu et al.	
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	AS	US-5,876,666	03-02-1999	Lin et al.	
	AT	US-5,656,238	08-12-1997	Spencer et al.	
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	AW	US-4,943,414	07-24-1990	Jacobs et al.	
	AX	US-4,643,876	02-17-1987	Jacobs et al.	
	AY	US-4,924,092	05-08-1990	Crist	
	AZ	US-4,362,632	12-07-1982	Jacob	
	AA1	US-4,710,233	12-01-1987	Hohmann et al.	
	AB1	US-6,475,433	11-05-2002	McGeorge et al.	
	AC1	US-6,494,964	12-17-2002	Jacobs et al.	
	AD1	US-5,164,016	11-17-1992	Henriet et al.	
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	AF1	US-5,087,418-A	02-11-1992	Jacob	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

Examiner Signature	/Danielle Henkel/	Date Considered	10/08/2008
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	Not Yet Assigned <b>10/527 427</b>
			Filing Date	March 9, 2005
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			Art Unit	N/A
			Examiner Name	Not Yet Assigned <b>Danielle Henkel</b>
			Attorney Docket Number	61423(51265)
Sheet	2	of	3	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
/D.H.	CA	Alvarado et al., "APIC guideline for infection prevention and control in flexible endoscopy," AJIC Am. J. Infect. Control 28:138-155 (2000).		
	CB	Buck et al., "The Effects of Germicides on Microorganisms," <a href="http://www.infectioncontrolday.com/articles/191clean.html">http://www.infectioncontrolday.com/articles/191clean.html</a>		
	CC	Driks, "Bacillus subtilis Spore Coat," Microbiology and Molecular Biology Reviews 63(1):1-20 (1999).		
	CD	Khomich et al., "Cold Sterilization of Medical Devices and Materials by Plasma DC Glow Discharge," Proceedings of the 12th International Conference on Gas Discharges & Their Applications Greifswald 8-12 September 1997 v.2 740-744.		
	CE	Khomich et al., "Investigation of Principal Factors of the Sterilization by Plasma DC Glow Discharge," 1998 ICPP & 25th EPS Conf. on Contr. Fusion and Plasma Physics, Praha 29 June - 3 July 1998 Vol. 22C:2745-2748.		
	CF	Kuzmichev et al., "Features of Sterilization By Different Type of Atmospheric Pressure Discharges," National Technical University of Ukraine "Kiev Polytechnical Institute" received 11-05-2000.		
	CG	Nicholson et al., "Resistance of Bacillus Endospores to Extreme Terrestrial and Extraterrestrial Environments," Microbiology and Molecular Biology Reviews, 64:548-572 (2000).		
	CH	Setlow et al., "Spores of Bacillus Species: Mechanisms of Their Resistance to and Killing by Decontamination/Sterilization Agents," Department of Biochemistry, University of Connecticut Health Center.		
	CI	Slieman et al., "Role of Dipicolinic Acid in Survival of Bacillus subtilis Spores Exposed to Artificial and Solar UV Radiation," Applied and Environmental Microbiology 67:1274-1279 (2001).		
	CJ	Soloshenko et al., "+ Sterilization by Plasma of the Low Pressure Discharge Glowing in Hydrogen Peroxide Vapor," Proceedings of the 15th International Symposium on Plasma Chemistry July 9-14 2001 Vol. 11:735-742.		
	CK	Soloshenko et al., "Sterilization of Medical Products in Low-Pressure Glow Discharges," Plasma Physics Reports 26:792-800 (2000).		
	CL	Holland, "How Do You Disinfect That? A Look at Flexible Endoscope Reprocessing," <a href="http://www.InfectionControlToday.com/articles/1a1feat3.html">http://www.InfectionControlToday.com/articles/1a1feat3.html</a>		
	CM	Jacobs et al., "Cleaning: Principles, Methods and Benefits," Disinfection, Sterilization and Antisepsis in Health Care, Proceedings of the International Symposium on Disinfection, Sterilization, and Antisepsisin Healthcare. 165-181		
	CN	Roberts, "Studies of the Bioburden on Medical Devices and the Importance of Cleaning," Proceedings of Conference on Disinfection, Sterilization, and Antisepsisin Healthcare 63-69.		
	CO	Kinetics of Microbial Inactivation for Alternative Food Processing Technologies, Pulse Electric Fields, US Food and Drug Administration, Center for Food Safety and Applied Nutrition June 2, 2000.		
	CP	ElectroMed2001 Second International Symposium on Nonthermal Medical/Biological Treatments Using Electromagnetic Fields and Ionized Gases, Symposium Record Abstracts, Portsmouth Virginia, May 20-23, 2001		
	CQ	Rutherford et al., "Method to sensitize bacterial spores to subsequent killing by dry heat or ultraviolet irradiation," Journal of Microbiological Methods 42:281-290 (2000).		
	CR	Masson et al., "High-pressure biotechnology in medicine and pharmaceutical science," Journal of Biomedicine and Biotechnology 1(2):85-88 (2001).		
	CS	Boylan et al., "Evaluation of an ultraviolet disinfection unit," The Journal of Prosthetic Dentistry 58:650-654 (1987).		
Examiner Signature	/Danielle Henkel/		Date Considered	10/08/2008

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				Examiner Name	Not Yet Assigned <b>Danielle Henkel</b>
Sheet	3	of	3	Attorney Docket Number	61423(51265)

/D.H./	CT	Vig et al., "UV/Ozone Cleaning of Surfaces," IEEE Transactions on Parts, Hybrids, and Packaging Vol. PHP-12, No. 4 365-370 (1976).	
↓	CU	Sowell et al., "Surface Cleaning by Ultraviolet radiation," Communications 474-475 (1973).	
↓	CV	Muscarella, "510(k) Summary and Overview: Safety, Efficacy and Microbiological Considerations," Custom Ultrasonics, Inc.	
↓	CW	510(k) Summary STERRAD BI Test Pack, Advanced Sterilization Products, November 5, 1999.	
↓	CX	510(k) Summary STERRAD 100s Sterilizer, Advanced Sterilization Products, November 5, 1999.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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